

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	143	(29/23.51).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 15:02
S2	12500	impeller and (balance balancing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:14
S3	2014	impeller with (balance balancing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:14
S4	26	impeller with (balance balancing) and nut and (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:16
S5	0	impeller same (balance balancing) and grinding near (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:17
S6	0	impeller and (balance balancing) and grinding near (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:17
S7	11	impeller and (balance balancing) and grinding same (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:18
S8	44	impeller and grinding same (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 12:20
S9	76	impeller and grinding and (slot slotted opening) same (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:14
S10	1107	grinding same (slot slotted opening) same (shield mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:14
S11	78	grinding same (slot slotted opening) same (shield mask) and (balance balancing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:21
S12	442	(29/889.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 13:38
S13	327	(29/DIG.19,DIG.26).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 13:43

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S14	373	(29/889).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 13:43
S15	31	S14 and (grind grinding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:50
S16	1892	(451/451,454,457,460,29,30).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 13:51
S17	21	S16 and impeller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:52
S18	53	S16 and (balance balancing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 13:52
S19	9	("3811327" "4380925" "5402457" "5791595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 15:49
S20	4	((("3811327") or ("4380925") or ("5791595") or ("6402467"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 15:49
S21	9	("1428620"   "2140398"   "2315998"   "3307251").PN. OR ("5791595").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 15:57
S22	112	(29/901).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 16:59
S23	857	(29/557).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 16:59
S24	49	S23 and (mask masking shield shielding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:03
S25	6457	(grinding abrading grind abrade) and (mask masking shield shielding) same (slit slot opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:04
S26	494	(grinding abrading grind abrade) and (mask masking shield shielding) same (slit slot opening) and (impeller rotor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:05
S27	6	("4082870"   "4596718"   "5520516"   "5702574").PN. OR ("5916638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 17:21
S28	5	("5073433"   "5688564"   "5705231").PN. OR ("5897921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 17:23

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S29	6	("4082870"   "4596718"   "5520516"   "5702574").PN. OR ("5998755").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 17:24
S30	16	("4082870"   "4596718"   "5520516"   "5702574"   "5792267"   "5881972").PN. OR ("6037004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 17:24
S31	1132	grinding with (impeller propeller rotor) with shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 10:43
S32	176	(abrading grinding) with (impeller propeller rotor) with shaft and (balance balancing unbalance unbalanced balanced)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 11:02
S33	2662	((impeller propeller rotor) and (balance balancing unbalance unbalanced balanced)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 11:03
S34	96	S33 and (grind grinding grinder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 11:43
S35	32	S33 and (mask masking shield shielding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 11:44
S36	13	("20030027495"   "3482423"   "4530861"   "5565035"   "6037004"   "6189356"   "6273676"   "6403157"   "6419753"   "6645299"   "6776854"   "6913442").PN. OR ("7066799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:45
S37	6	("4082870"   "4596718"   "5520516"   "5702574").PN. OR ("5998755").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:47
S38	6	("4082870"   "4596718"   "5520516"   "5702574").PN. OR ("5916638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:47
S39	16	("4082870"   "4596718"   "5520516"   "5702574"   "5792267"   "5881972").PN. OR ("6037004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:48
S40	3	("5257442"   "5666724"   "5737816").PN. OR ("6061886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:48
S41	0	("2005/0120554").URPN.	USPAT	OR	ON	2006/09/07 11:49
S42	5	("4780593"   "5201116").PN. OR ("5333500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:49
S43	20	("3519503"   "4043498"   "4141484"   "4176433"   "4285108"   "4873751"   "4883216"   "4934583").PN. OR ("5205465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:50
S44	17	("4822108"   "5207794"   "5301415"   "5527586"   "5632529"   "5704535"   "5786028"   "5888301"   "5902647"   "5915743"   "5916638"   "6037004"   "6060117"   "6109873"   "6146489"   "6273676").PN. OR ("6645299").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:51

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S45	31	("3207126"   "3482423"   "3668913"   "4530861"   "4599970"   "5225246"   "5486281"   "5565035"   "5607561").PN. OR ("5792267").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:52
S46	15	("1424755"   "2893292").PN. OR ("3817149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:53
S47	11	("2327606"   "2403489"   "4815184"   "4854025").PN. OR ("5210945").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:54
S48	16	("1513031"   "2736954"   "3958739"   "4199861"   "4210990"   "4212187"   "4489605"   "4492018"   "4562631"   "5210945"   "5666724"   "5806161"   "6024272"   "6273671").PN. OR ("6883224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:55
S49	0	("1541370").URPN.	USPAT	OR	ON	2006/09/07 11:56
S50	4	("3985995"   "4639194"   "5414929"   "6201211").PN. OR ("6563074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:57
S51	11	("2480807"   "4051636"   "4520541"   "4584795"   "4709508"   "4858393").PN. OR ("5339521").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 11:58
S52	33	("1776125"   "2798383"   "3097824"   "3304053"   "3736811"   "3761205").PN. OR ("3916495").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 12:01
S53	6	S33 and jig	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 12:01
S54	1894	(451/237,281,282,286).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/08 14:39
S55	101	S54 and (balancing balance balanced)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 14:38
S56	49	S54 and (impeller rotor propeller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 14:38
S57	1166	(451/237,281,282,286).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/08 16:16
S58	10871	(guard guide) with (grind grinding abrade abrading)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 16:17
S59	629	S58 and (impeller propeller rotor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 16:17
S60	730	S58 and (balance balancing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 16:18

## EAST Search History

S61	94	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 16:18
S62	10	((("3608349") or ("6864616") or ("2467376") or ("5130593") or ("2657322") or ("2421906"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 15:02